

Date: Monday, 7/30/2007 1:54:15 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : WEARPAD
Job Number : 33801	
Estimate Number : 12782	
P.O. Number :	Part Number : D35643
This Issue : 7/30/2007 S.O. No. :	Drawing Number : D3564 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : 1 / Type : SMALL /MED FAB	Drawing Revision : C
Previous Run : 33244	Material :
Written By :	Due Date : 8/28/2007 Qty: 12 Um: Each
Checked & Approved By : <u>7/27/07-30</u>	
Comment : Est Rev:A New Issue 07-03-08 ec	
Est Rev:B As per Rev C 07-07-09 JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M304S16GA	304/316 .063 Sheet
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Comment: Qty.: 0.9177 sf(s)/Unit Total : 11.0124 sf(s)

M304S16GA Stainless steel sheet 0.063" thick

Batch: MKS130 LB 07-07-31

2.0	WATER JET	FLOW WATER JET
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Comment: FLOW WATER JET

1-Cut as per Dwg D3564 ***** (D3564-1F) *****

Dwg Rev: CProg Rev: CLB 07-07-31(B)

2-Deburr if necessary

07/08/01 (13)

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
-----	-----	--



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

LB 07-07-31

4.0	QC8	SECOND CHECK
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Comment: SECOND CHECK

Er 07/08/01(13)

5.0	BRAKE NC	NC BRAKE
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Comment: NC BRAKE

Deburr if necessary

Form on Brake as per Dwg D3564 using Jigs DT8179 and DT8155

Form Joggle as per Dwg D3564 on brake using Jig DT8157

FF 07-08-08FF 07-08-0813

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 7/30/2007 1:54:15 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPAD

Job Number: 33801

Part Number: D35643

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



Er
07/08/07 (13)



Comment: INSPECT WORK TO CURRENT STEP
Ensure joggle as per dwg D3429

7.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Qty Description Batch
A/R 2059B Hardcoat
Weld hardcoat as per Dwg D3437

M105138 FC

07/08/14 (13)

8.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

07/08/14 (13)

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

07/08/14 (13)

10.0

POWDER COATING

POWDER COATING



M 104846



Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

BR/M-1 07-08-15 (13)

11.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

FX 07/08/15 (13X)

12.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

FP 18

M-1 07/08/15 (13X)

13.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07.08.17

Job Completion



U 07.08.16

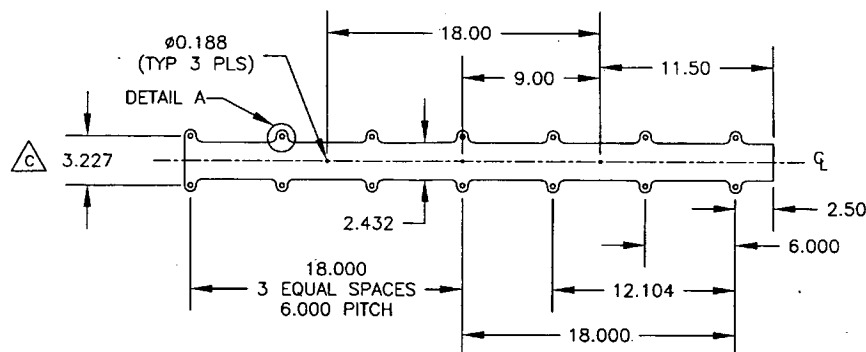
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

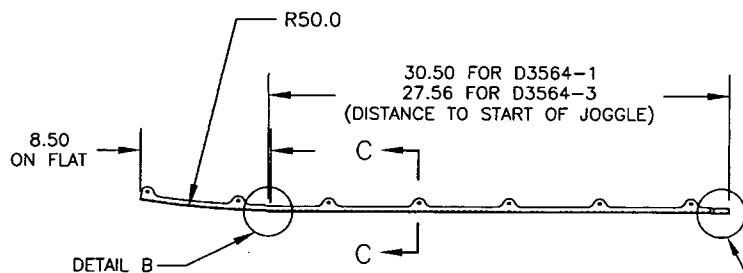
QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

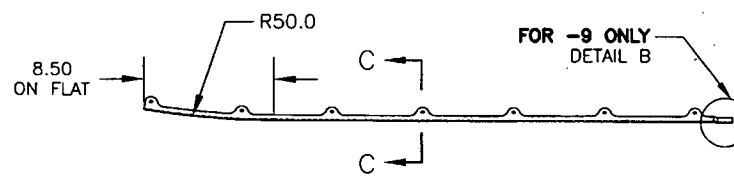
NOTE: Date & initial all entries



D3564-1F FLAT PATTERN



D3564-1/-3 BENDING DETAIL
(MAKE FROM D3564-1F)



D3564-9/-11 BENDING DETAIL
(MAKE FROM D3564-1F)

FOR -1 ONLY
DETAIL B

2059B HARDCOAT WELD
4.0 LONG
0.063 TO 0.125 HIGH
(TYP. 11 PLS.)
WELD AFTER BENDING AS
ILLUSTRATED PER DT8308



D3564-1/-3/-9/-11 WELDING DETAIL

RELEASED
07-06-28-11

D3564-1/-3/-5/-7/-9/-11/-13 WEARPLATE NOTES

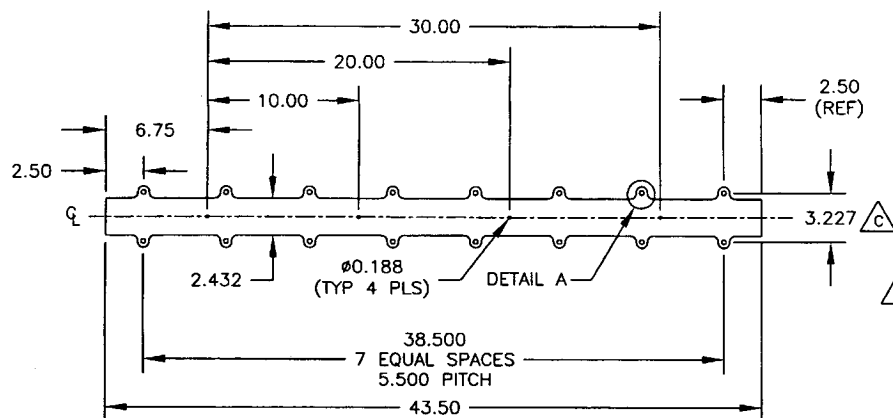
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 16 GAUGE (0.063 THICK)
(REF DART MATERIAL SPEC M304S16GA)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF 4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 7) PART IS SYMMETRICAL ABOUT CENTERLINE

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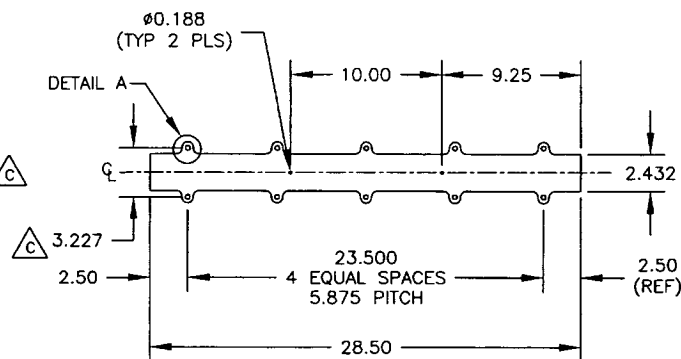
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C	07.04.17	MOVE TAB OUTBOARD, DETAIL A
B	07.03.20	ADD AMS 5513 AND AMS 5524
A	06.12.18	NEW ISSUE
DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART DART AEROSPACE LTD. HAMMERSLEY, ONTARIO, CANADA
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D3564
DATE 07.04.17		TITLE WEARSHOE
		REV. C SHEET 1 OF 2 SCALE 1:8

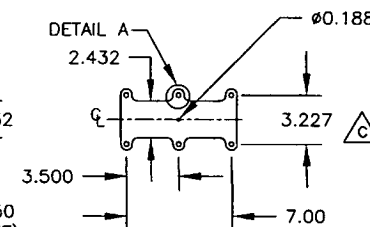
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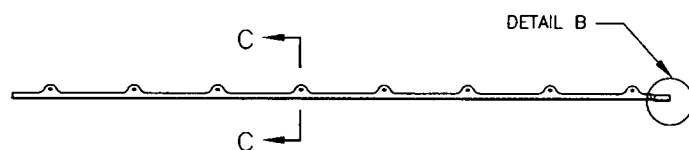
D3564-5F FLAT PATTERN



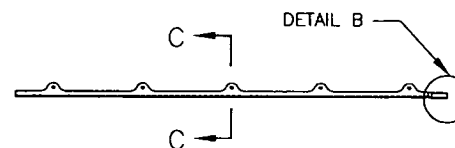
D3564-7F FLAT PATTERN



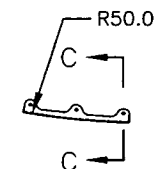
D3564-13F FLAT PATTERN



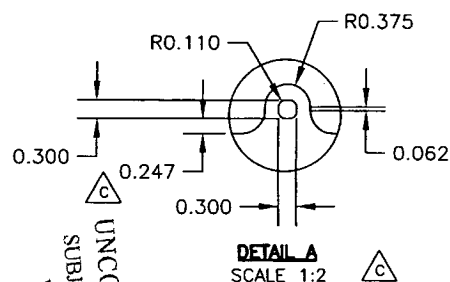
D3564-5 BENDING DETAIL
(MAKE D3564-5 FROM D3564-5F)



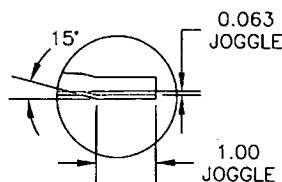
D3564-7 BENDING DETAIL
(MAKE D3564-7 FROM D3564-7F)



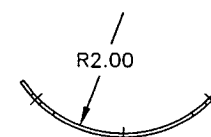
D3564-13 BENDING DETAIL
(MAKE D3564-13 FROM D3564-13F)



DETAIL A
SCALE 1:2



DETAIL B
SCALE 1:2



SECTION C-C
SCALE 1:2

RELEASED
07.04.17

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DESIGN	DRAWN BY	DART	DART AEROSPACE LTD. MUNICH, GERMANY, CANADA
CHECKED	APPROVED	DRAWING NO. D3564	REV. C SHEET 2 OF 2
DATE 07.04.17		TITLE WEARSHOE	SCALE 1:8

